

For Research Use Only

# CoraLite® Plus 488-conjugated CCDC23 Recombinant antibody

Catalog Number: CL488-82998-4



## Basic Information

Catalog Number:

CL488-82998-4

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33650

GenBank Accession Number:

BC029427

GeneID (NCBI):

374969

UNIPROT ID:

Q8N300

Full Name:

coiled-coil domain containing 23

Purification Method:

Protein A purification

CloneNo.:

230175B2

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : U2OS cells,

## Background Information

CCDC23 also known as SVBP is a small vasohibin-binding protein of 66 amino acids, and functions as a chaperone of VASH1 in vascular endothelial cells (PMID: 20736312). SVBP enhances the tyrosine carboxypeptidase activity of VASH1 and VASH2, thereby promoting the removal of the C-terminal tyrosine residue of alpha-tubulin (PMID: 29146869, 31171830). Mutations in SVBP cause Neurodevelopmental disorders with ataxia, hypotonia, and microcephaly (NEDAHM) (PMID: 30607023, 31363758).

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

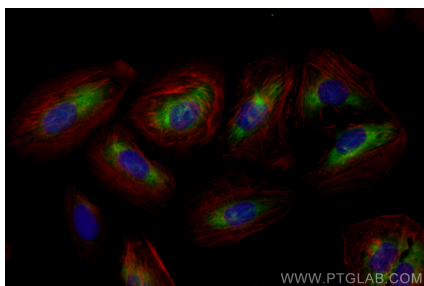
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using CoraLite® Plus 488 CCDC23 antibody (CL488-82998-4, Clone: 230175B2 ) at dilution of 1:200.